

10
32 SLM

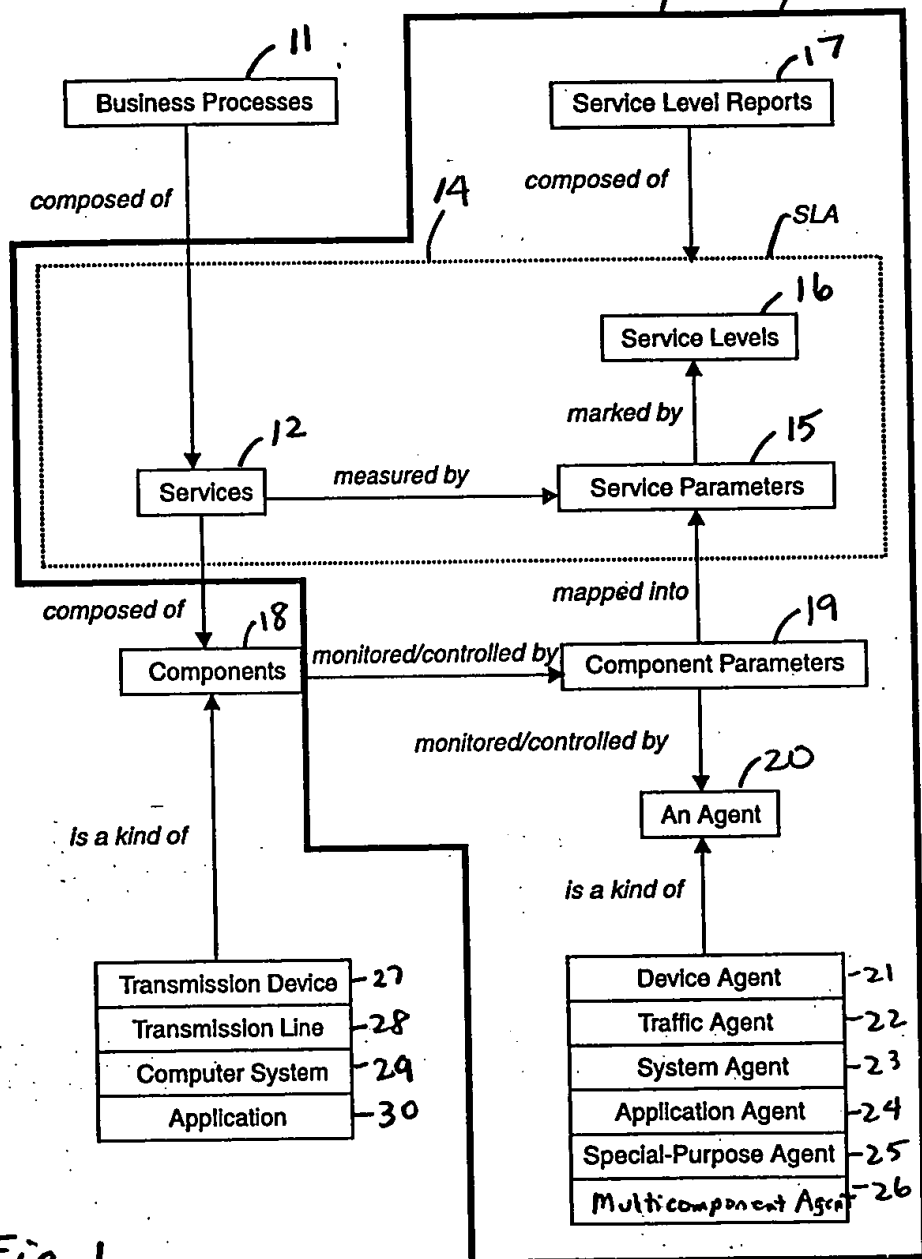


Fig. 1

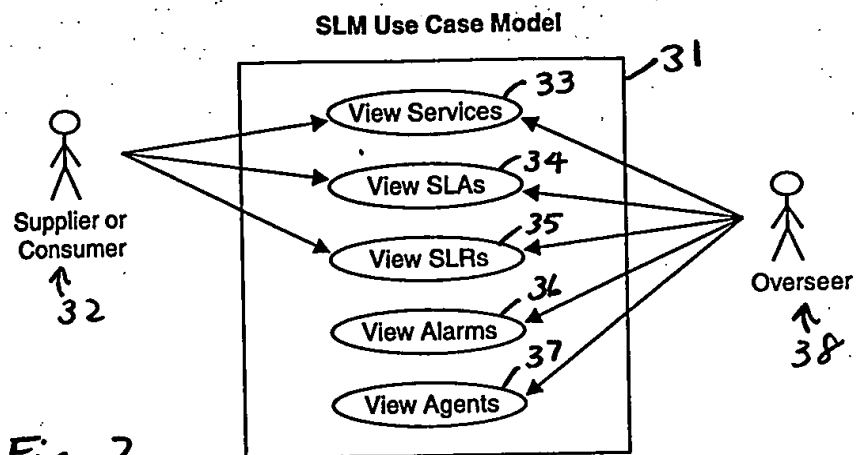


Fig. 2

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002250" 52224560

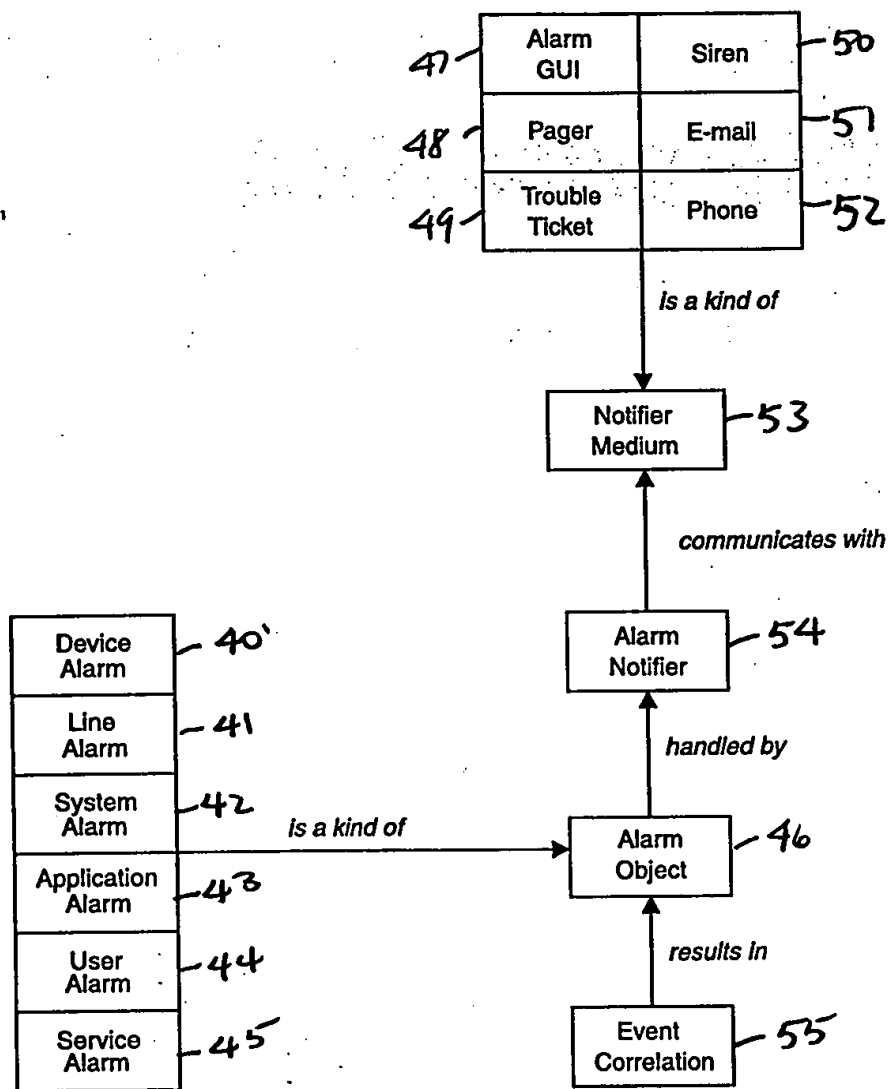
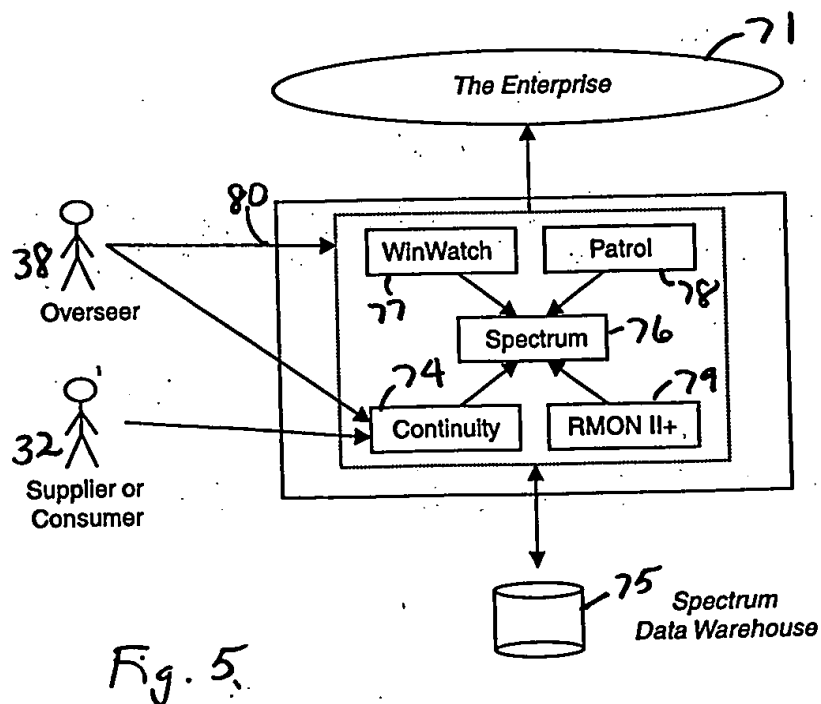
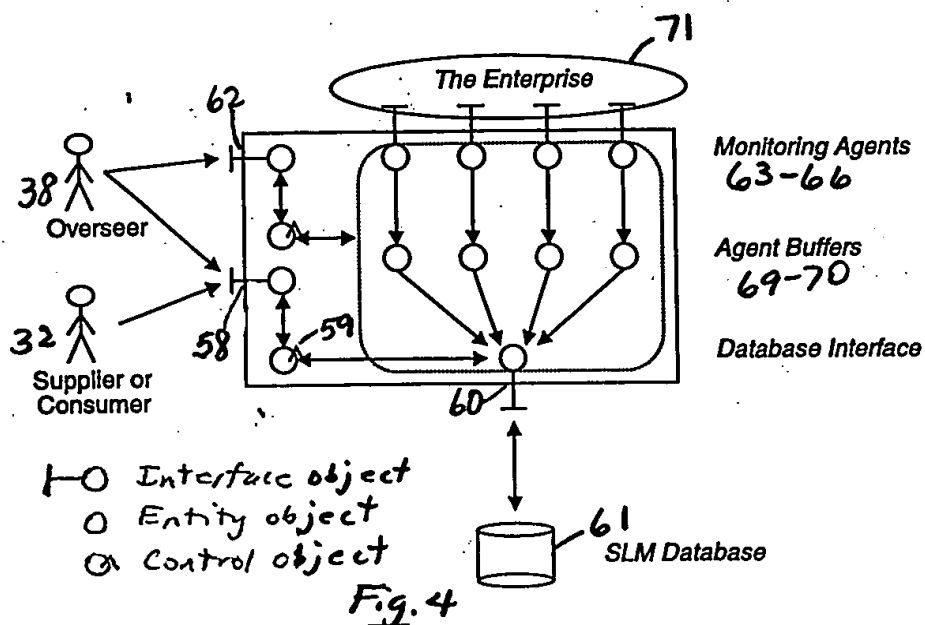


Fig. 3

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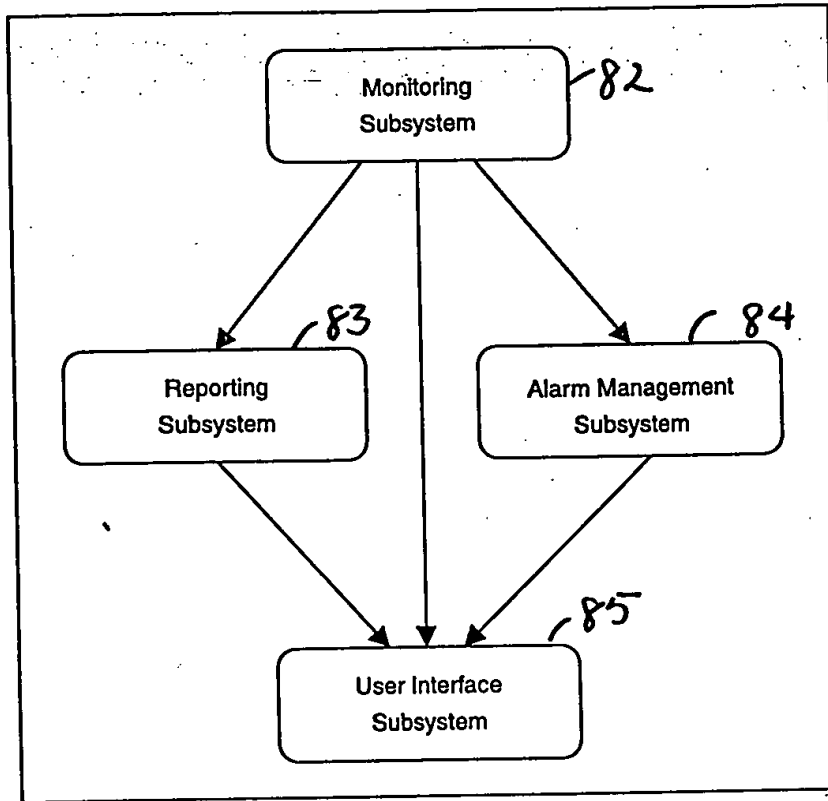


Fig. 6

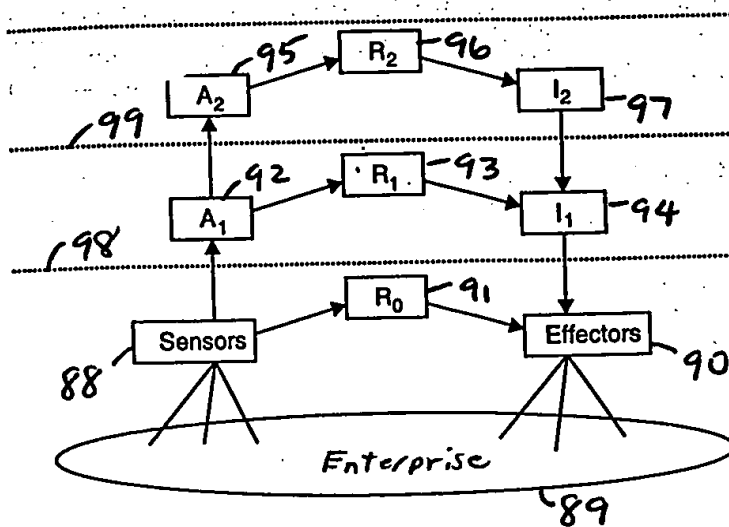


Fig. 7

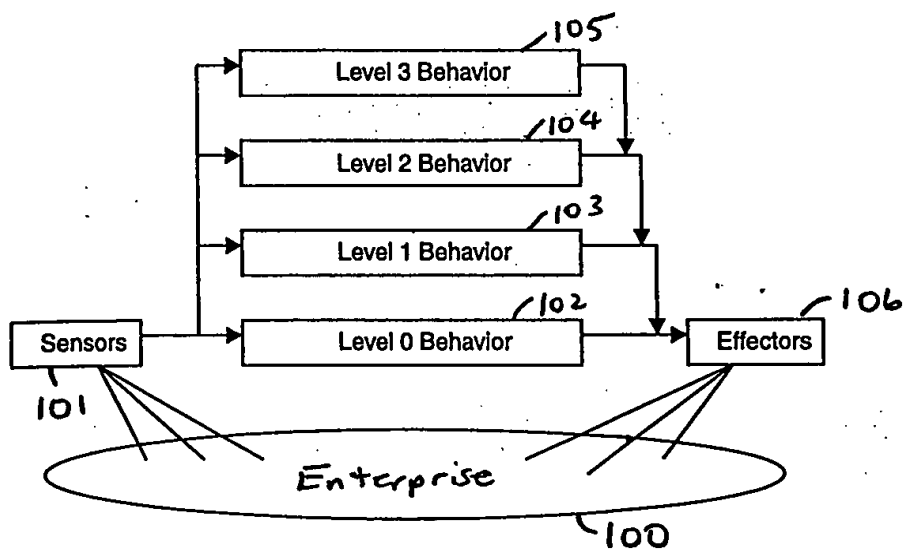


Fig. 8

00577225-053300

Level 2 Abstraction,
Reasoning, Instruction

Level 1 Abstraction,
Reasoning, Instruction

Level 0 Abstraction,
Reasoning,
Instruction

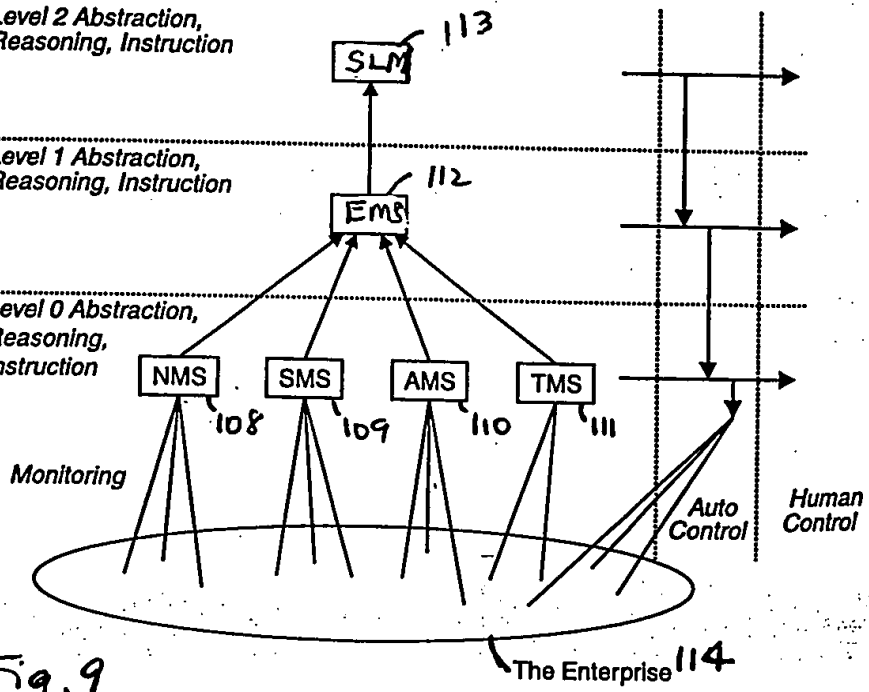


Fig. 9

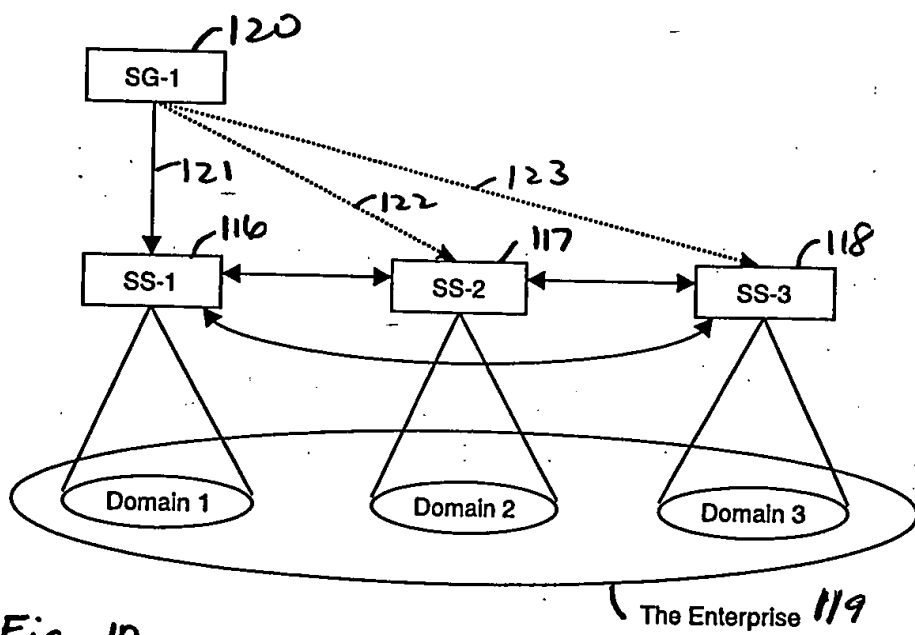


Fig. 10

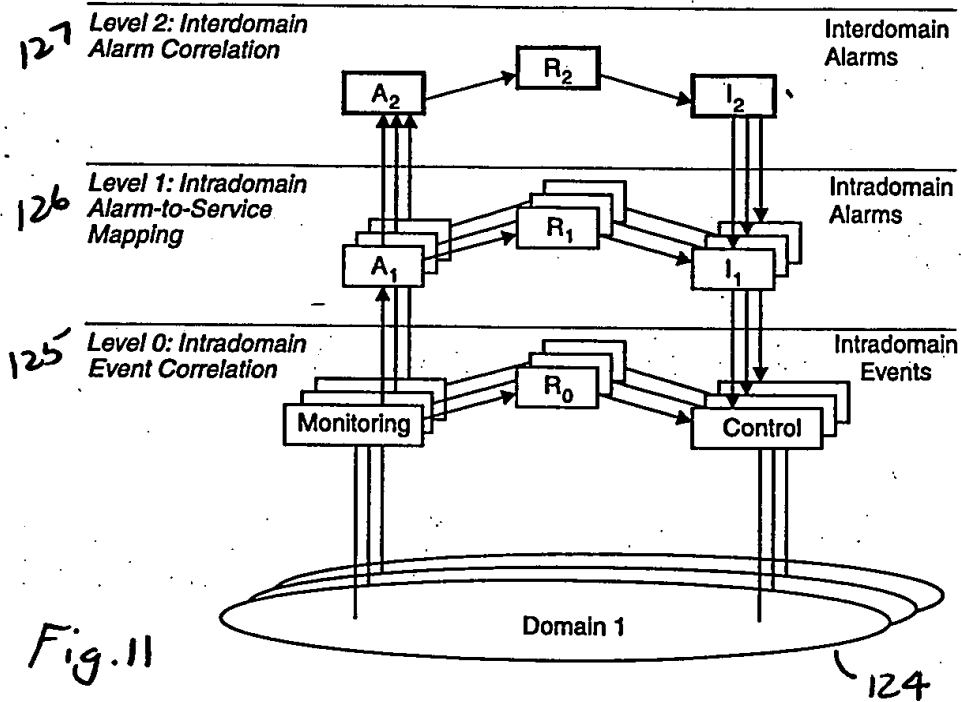


Fig. 11

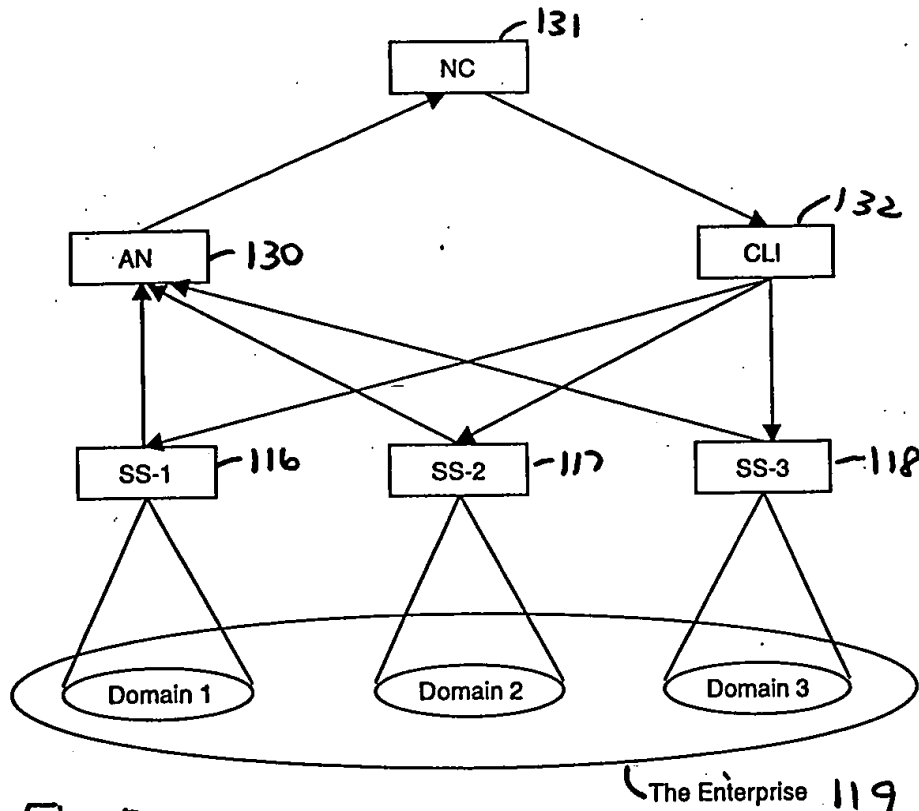


Fig. 12

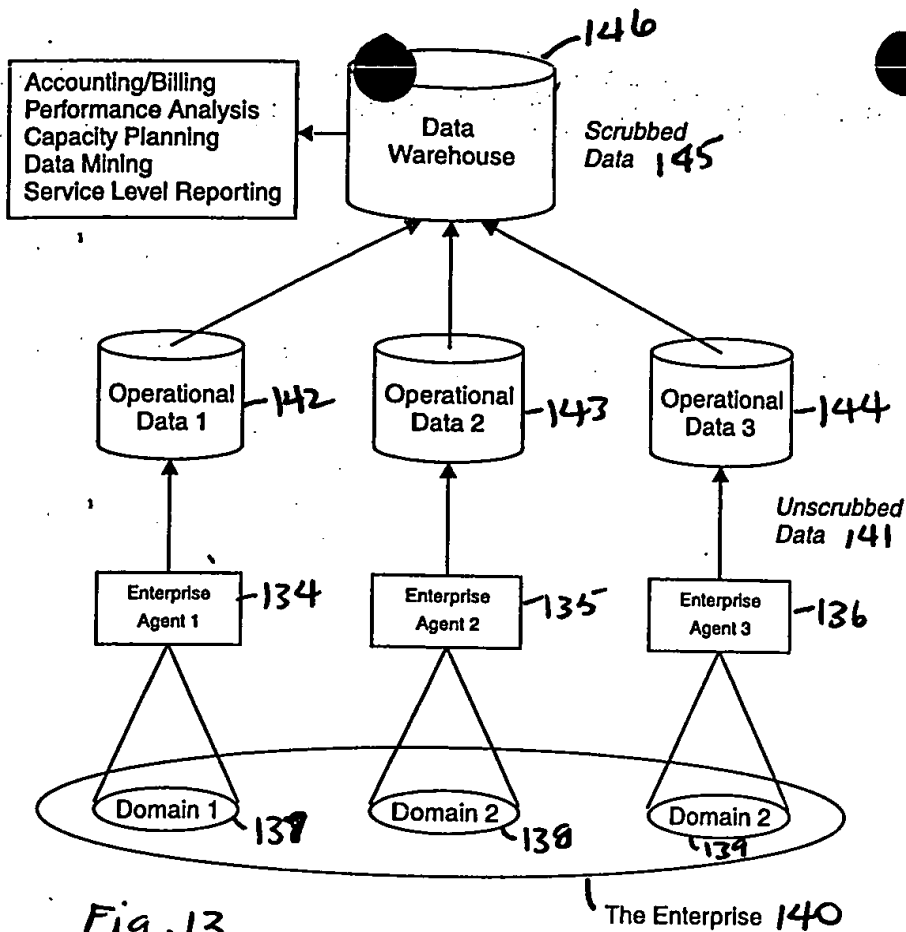


Fig. 13

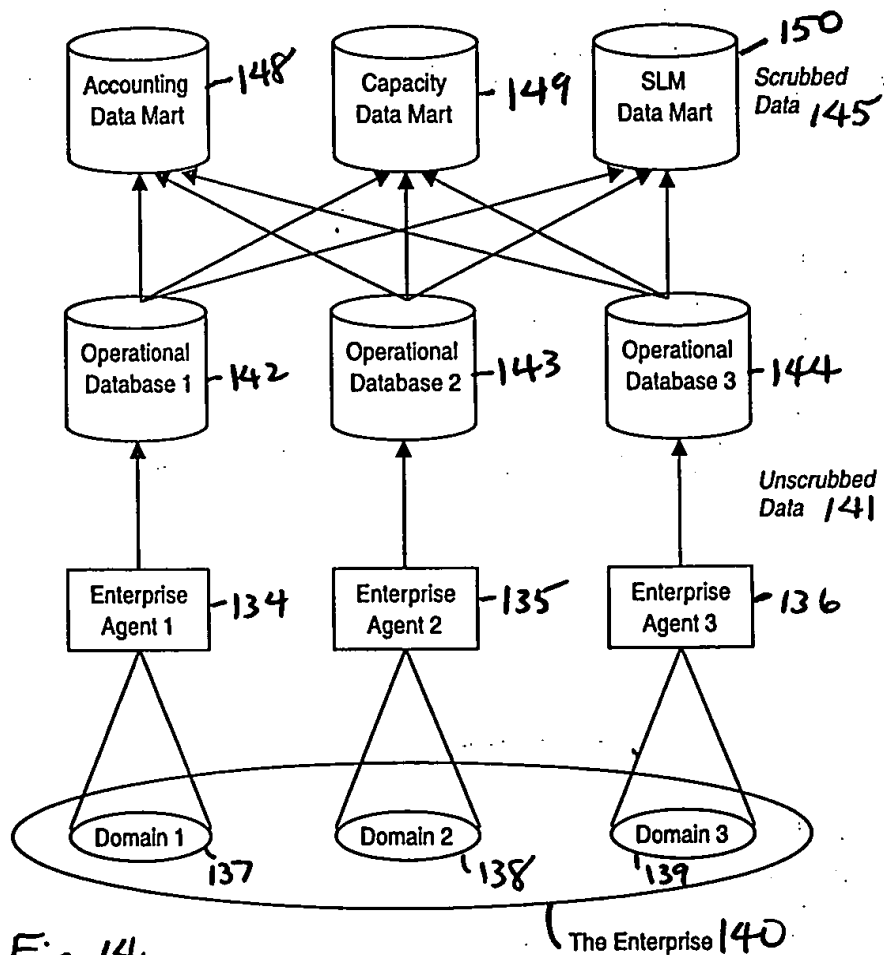


Fig. 14

Accounting Data Mart 148

Capacity Data Mart 149

SLM Data Mart 150

Scrubbed Data 145

Data Warehouse 147

Scrubbed Data 145

Operational Database 1 142

Operational Database 2 143

Operational Database 3 144

Unscrubbed Data 141

Enterprise Agent 1 134

Enterprise Agent 2 135

Enterprise Agent 3 136

Domain 1 137

Domain 2 138

Domain 3 139

The Enterprise 140

Fig. 15

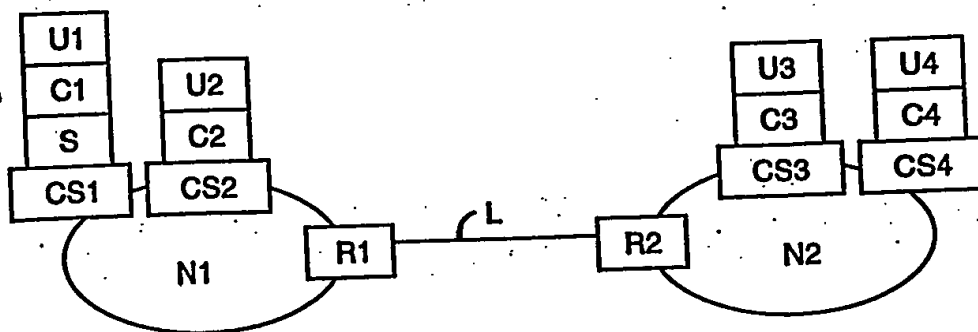


Figure 5.1, Fig. 16

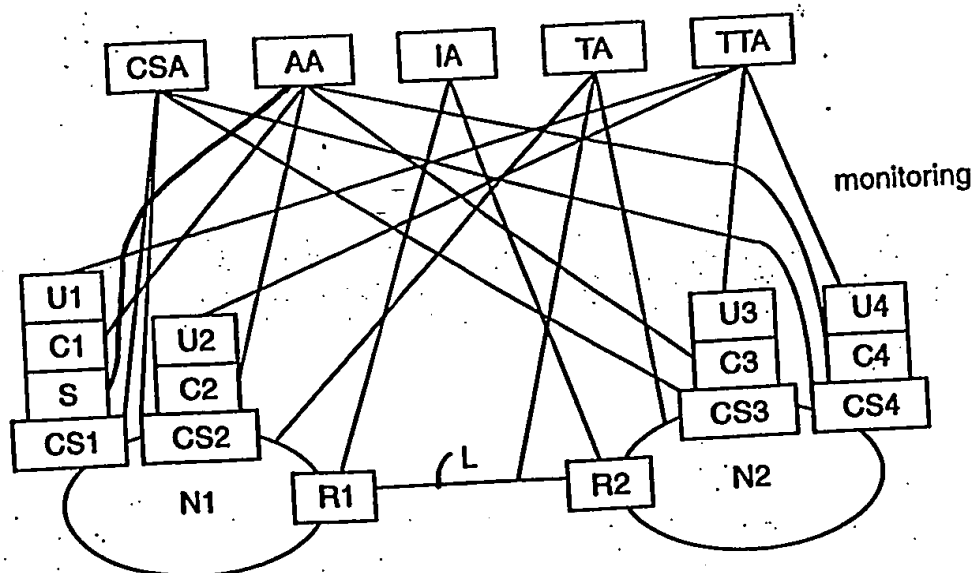


Figure 5.2 Fig. 17

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000000 000000 000000

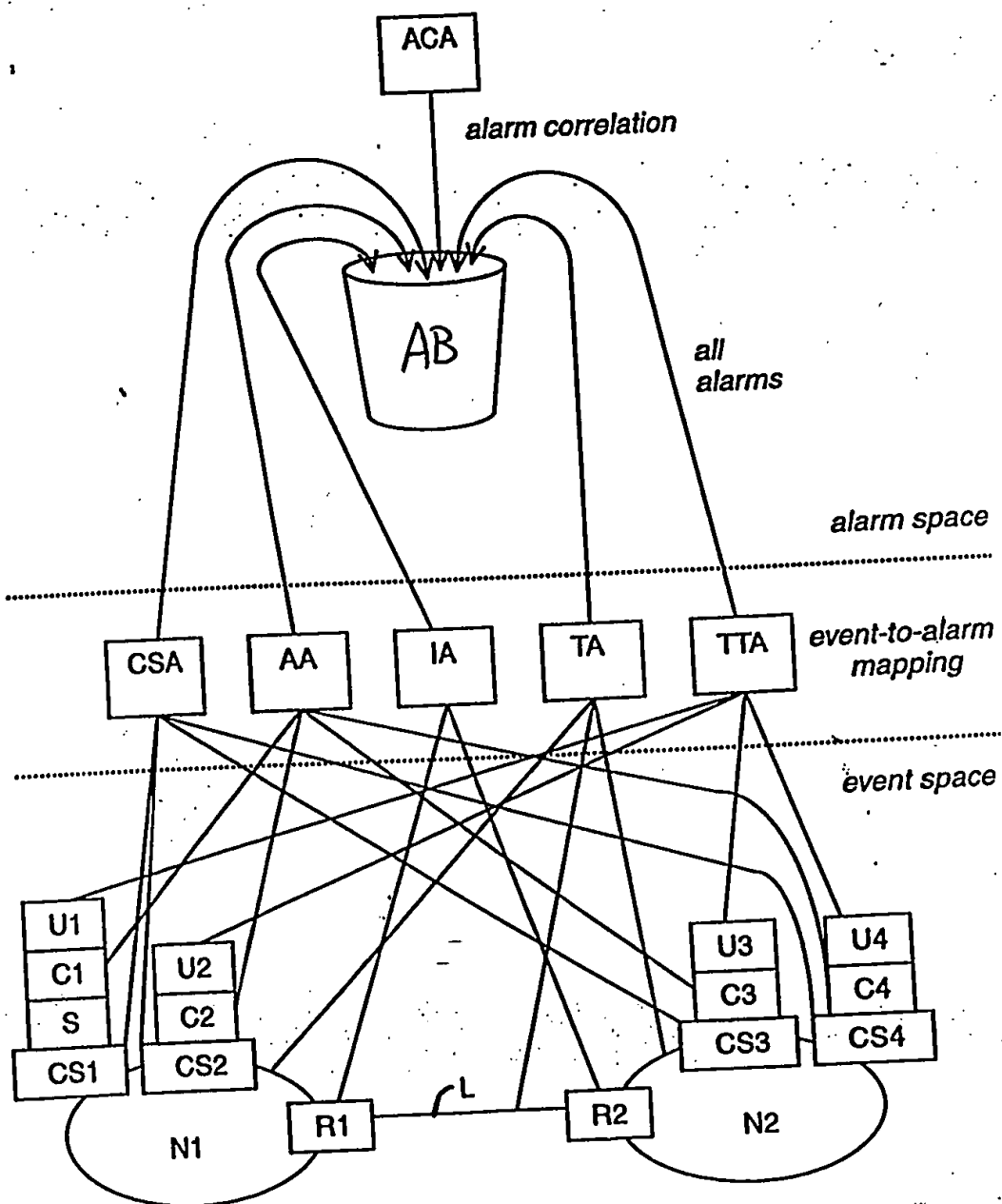


Figure 5.5

Fig. 18

Fig. 19

Detect events in ~160
the network

↓
For each aspect of network ~161
operation, map event(s) to
alarm(s)

↓
Output alarms to ~162
alarm bucket

↓
Correlate/Evaluate alarms to ~163
determine network operation
status

↓
Report Network operation ~164
status

↓
Identify corrective actions ~165
necessary for desired operation of
network

↓
Implement corrective ~166
actions or report identified
corrective actions

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Fig. 20

Detect events for ~167
a specific aspect of network
operation



Map detected events ~168
to an alarm or alarms



Output alarm or ~169
alarms

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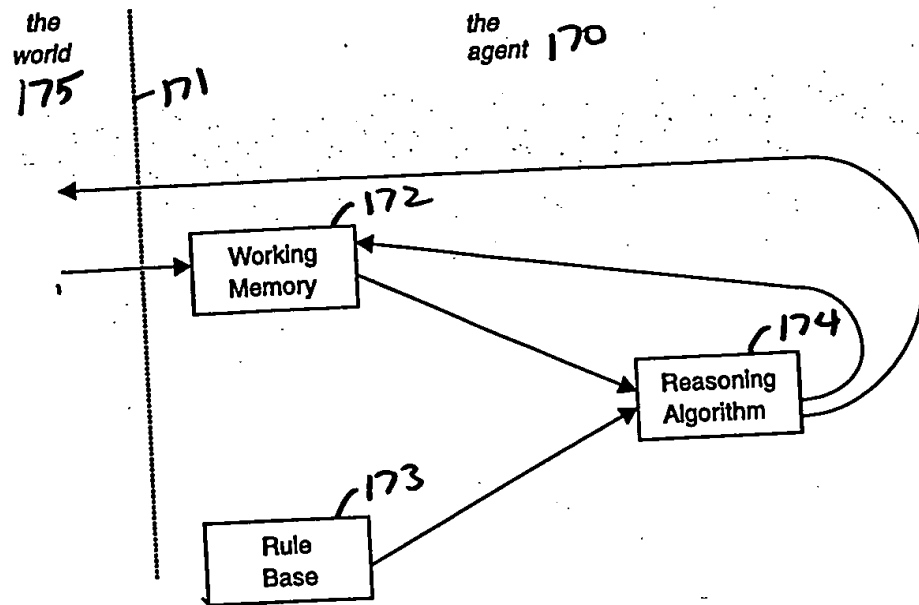


Fig. 21

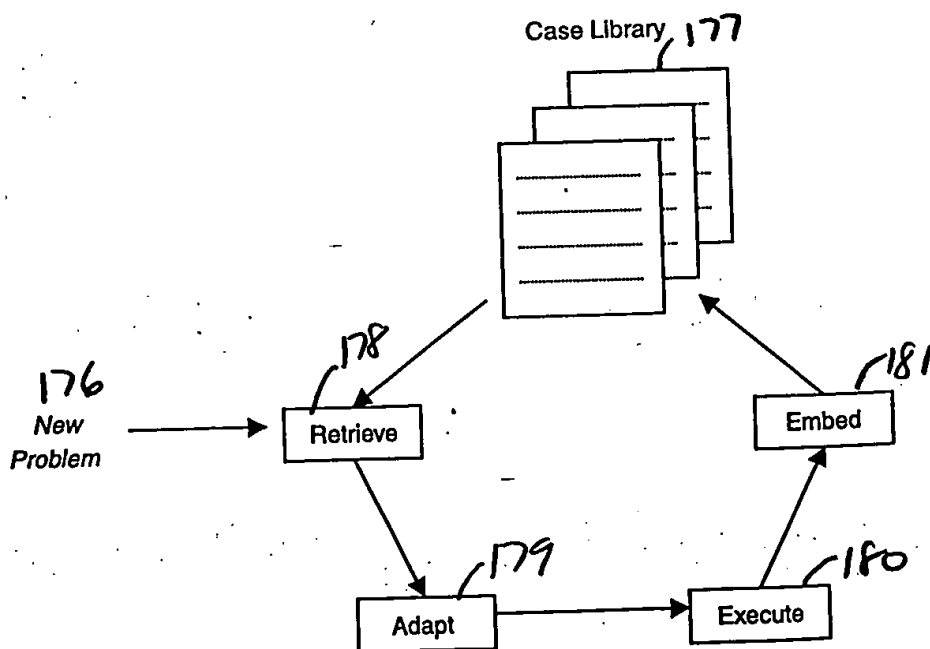


Fig. 22

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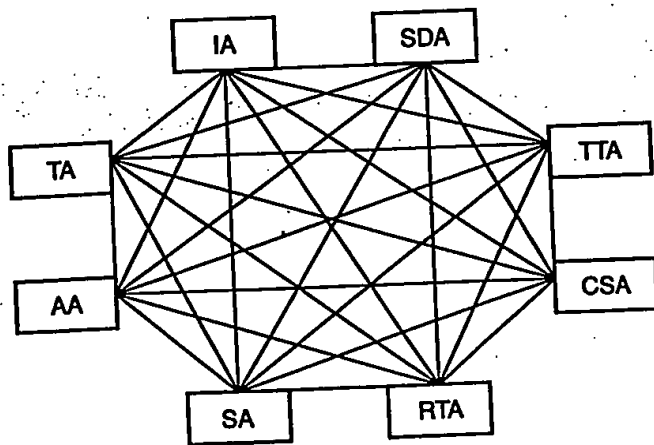


Fig. 23

190

Friday January 5 2001 -191			
	Service 1	Service 2	Service 3
Seattle			
Bldg 1	Up	Up	Down, up at 12 PM
Bldg 2	Down 8-10 PM	Down 8-10 PM	Down 8-10PM
Bldg 3	Up (Slow)	Up	Up
Sydney			
Bldg 1	Up	Up	Down, up ?
Bldg 2	Up	Up (slow)	Up
.			
.			
.			

Fig. 24

09577225-052300

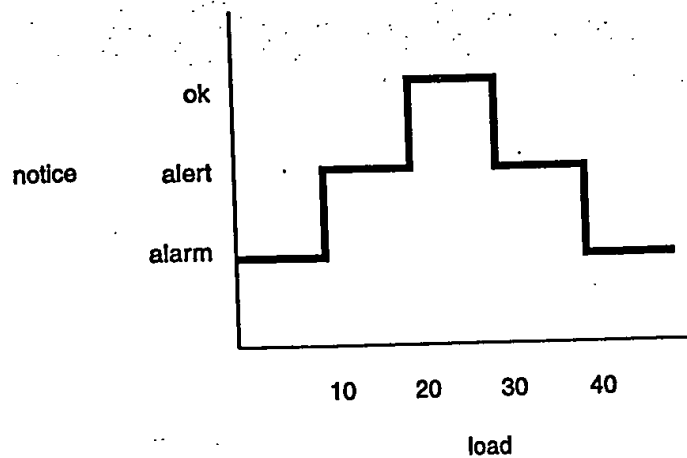


Fig. 25

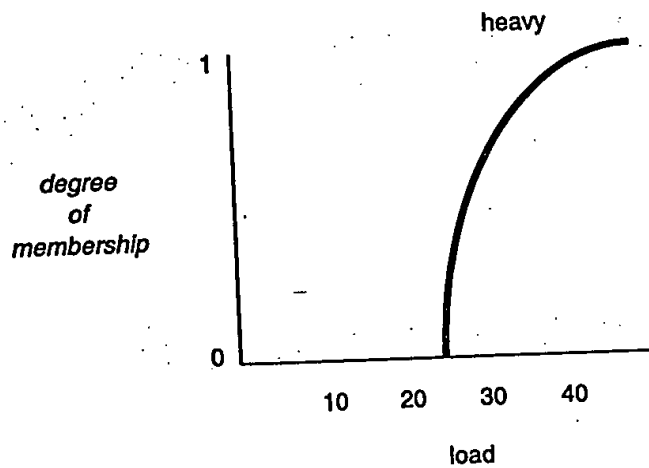


Fig. 26

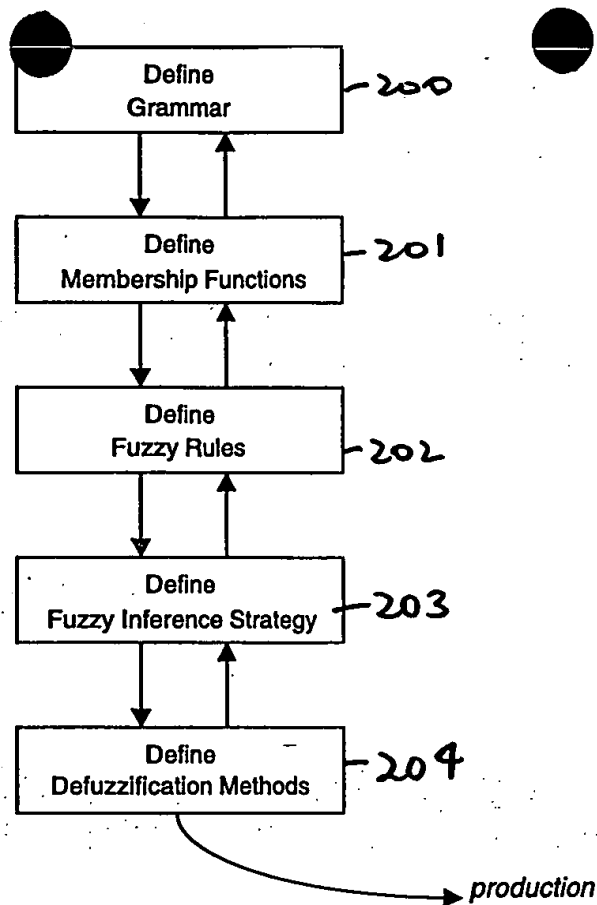


Fig. 27

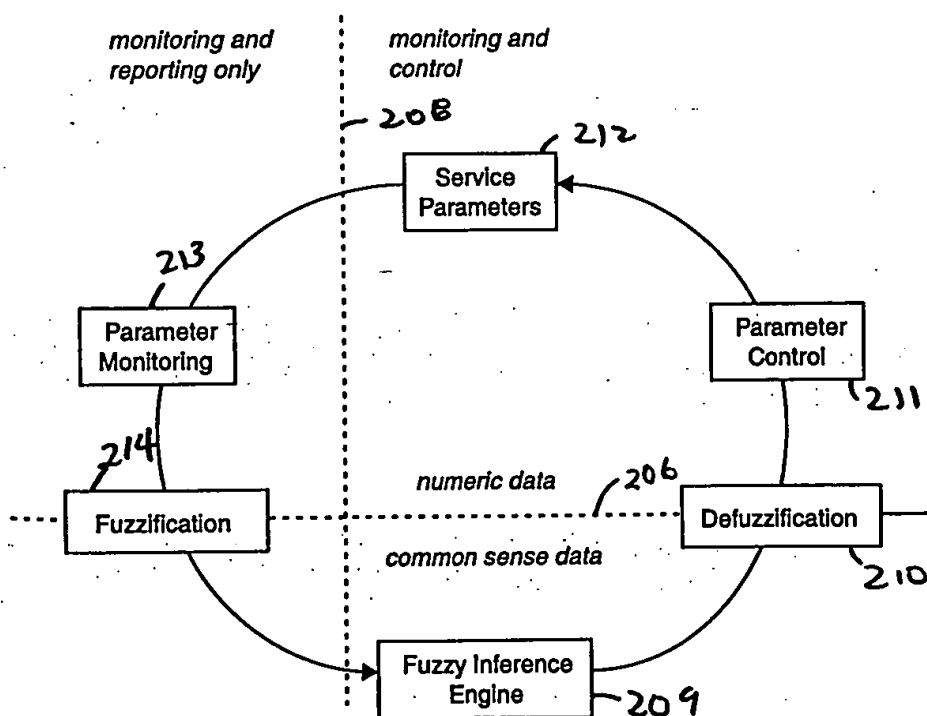


Fig. 28

0057225-052300

possible influences on SP ²²⁵

²²⁴ target

	P1	P2	P3	P4	P5	...	PN	SP
t1	---	---	---	---	---	---	---	---
t2	---	---	---	---	---	---	---	---
t3	---	---	---	---	---	---	---	---
t4	---	---	---	---	---	---	---	---
t5	---	---	---	---	---	---	---	---
t6	---	---	---	---	---	---	---	---
.								
.								
.								

²²²

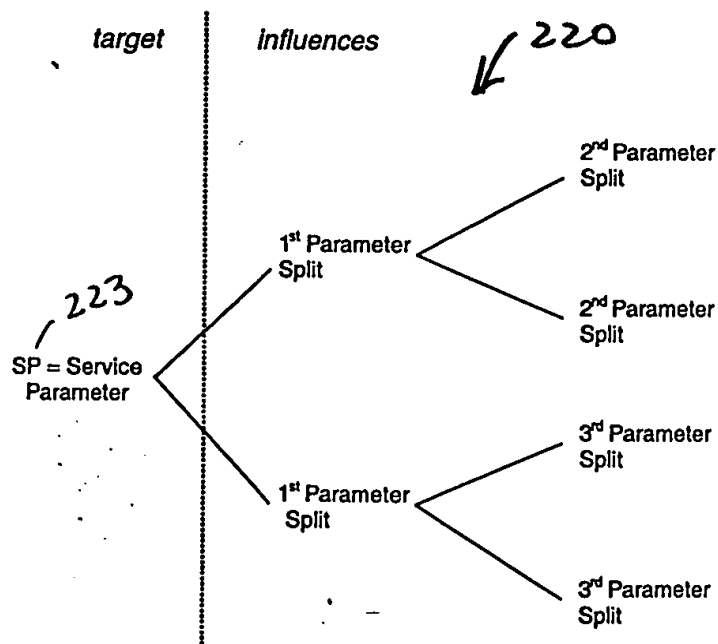


Fig. 29

```

graph LR
    A["RT > 3  
3749, 41.5%"] --> B["Server 11 paging space > 685.5  
1229, 75.9%"]
    A --> C["Server 11 paging space ≤ 685.5  
2520, 24.7%"]
    B --> D["Server 11 CPU idle > 63  
381, 35.2%"]
    B --> E["Server 11 CPU idle ≤ 63  
848, 94.2%"]
    C --> F["Server 11 batch delay > 2.5  
2021, 30.6%"]
    C --> G["Server 11 batch delay ≤ 2.5  
499, 0.8%"]
  
```

RT > 3
3749, 41.5%

Server 11 paging space > 685.5
1229, 75.9%

Server 11 CPU idle > 63
381, 35.2%

Server 11 CPU idle ≤ 63
848, 94.2%

Server 11 paging space ≤ 685.5
2520, 24.7%

Server 11 batch delay > 2.5
2021, 30.6%

Server 11 batch delay ≤ 2.5
499, 0.8%

```

graph LR
    RT["RT > 3"]
    RT --- B1(( ))
    B1 --- X1["X = NFS Server  
and queued(X) = high"]
    B1 --- X2["X = NFS Server  
and queued(X) = low"]
    X1 --- B2(( ))
    B2 --- X3["X = Tracer  
and CPU_load(X) = high"]
    B2 --- X4["X = Tracer  
and CPU_load(X) = low"]
    X2 --- B3(( ))
    B3 --- X5["X = Server 11  
and CPU_load(X) = high"]
    B3 --- X6["X = Server 11  
and CPU_load(X) = low"]

```

Fig. 31

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Service Agreement with XYZ Server Farm						
Name _____						
Address _____						
Phone _____						
Email _____						
Policies						
Availability		____ (select 90 – 100 %)			\$ ____	
Response Time		____ (select 2 – 5 sec)			\$ ____	
Security		____ (select high- med-low)			\$ ____	
Integrity		____ (select high- med-low)			\$ ____	
					Total: \$ ____	
Go Back		(Month)			Go Forward	
Default: Availability ____ Response time ____ Security ____ Integrity ____						
Send			Cancel			

Fig. 32

00577225.052300

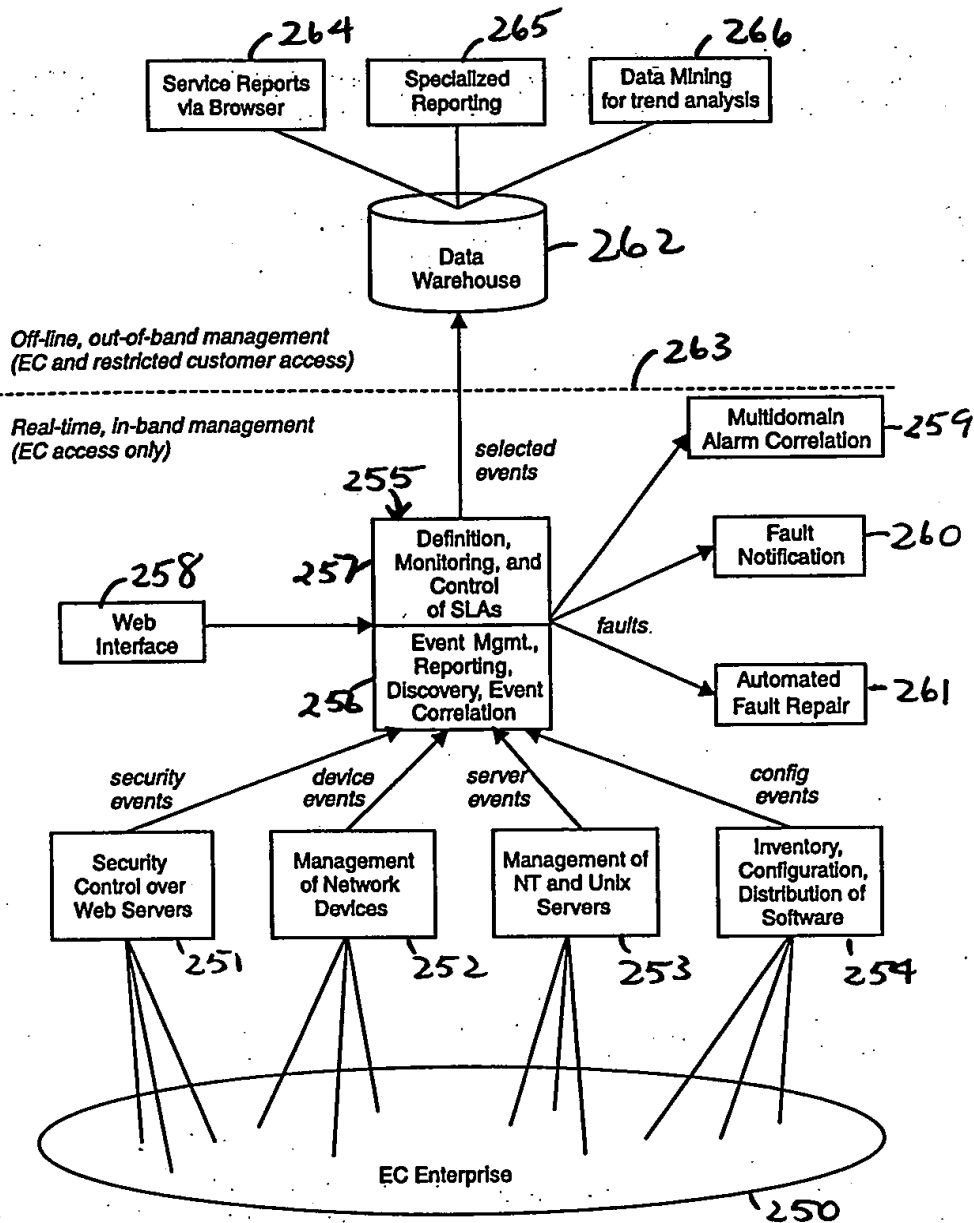


Fig. 33

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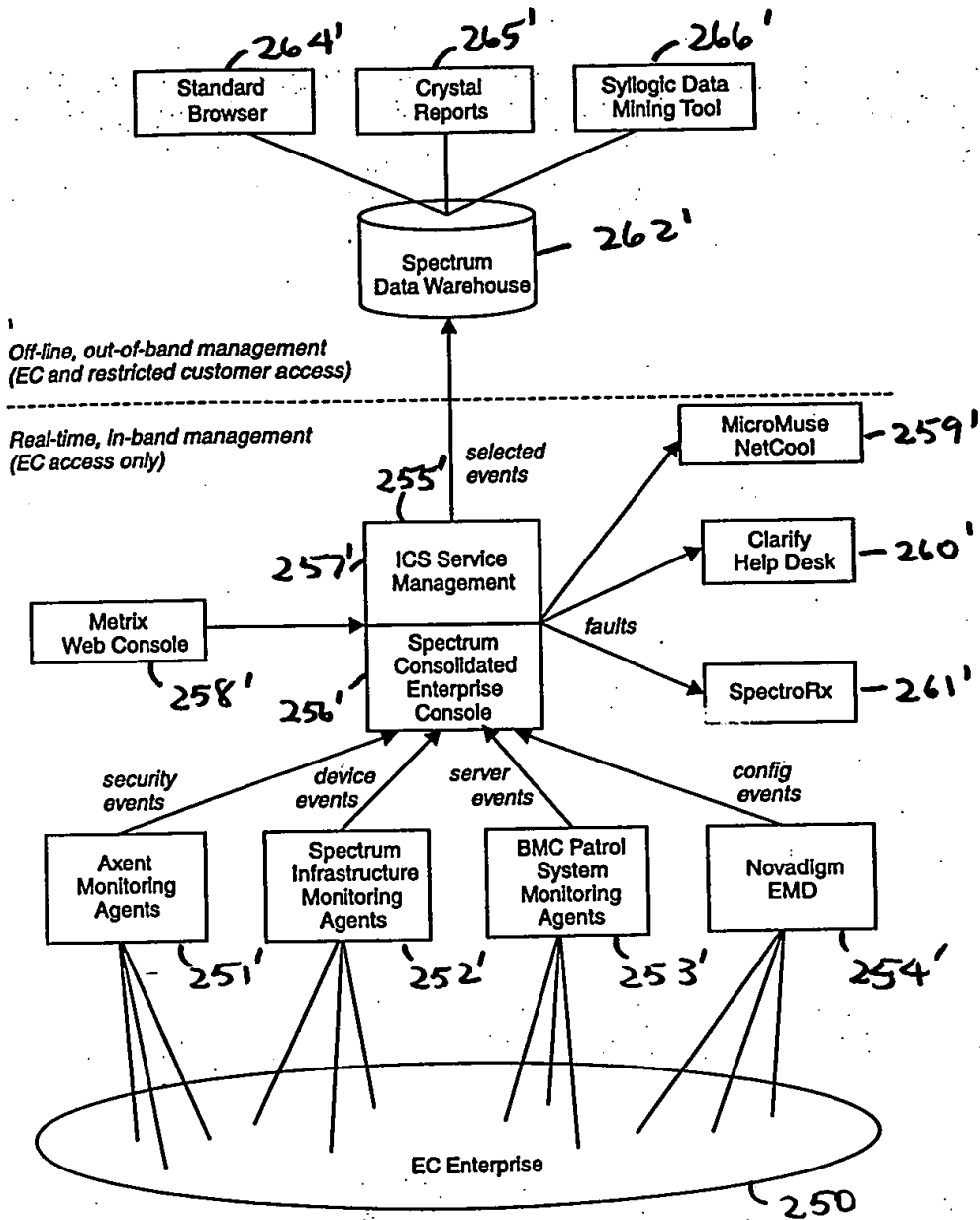


Fig. 34

05 FEB 68 05 20 00

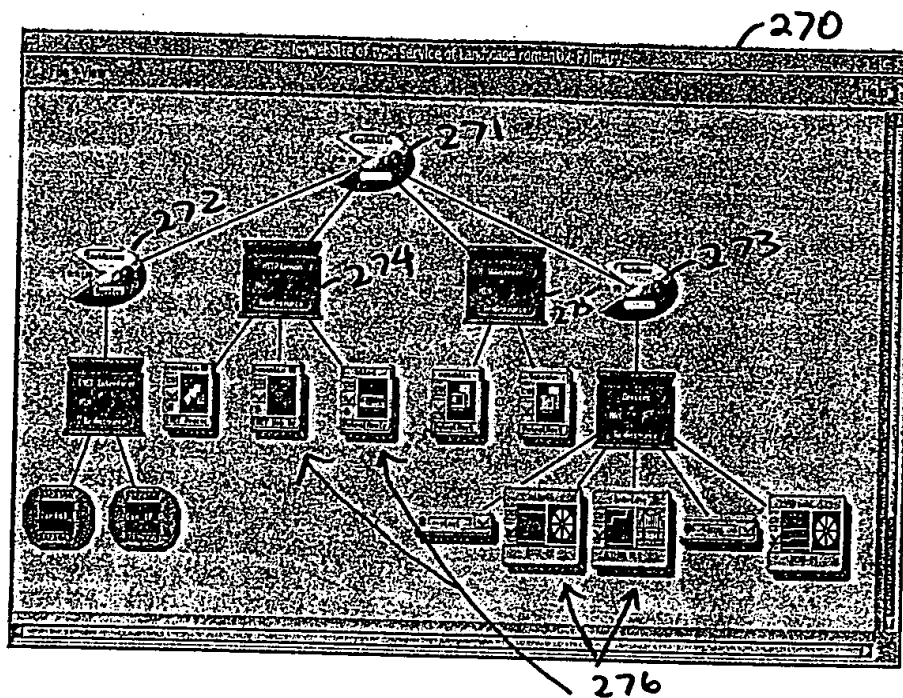


Fig. 35

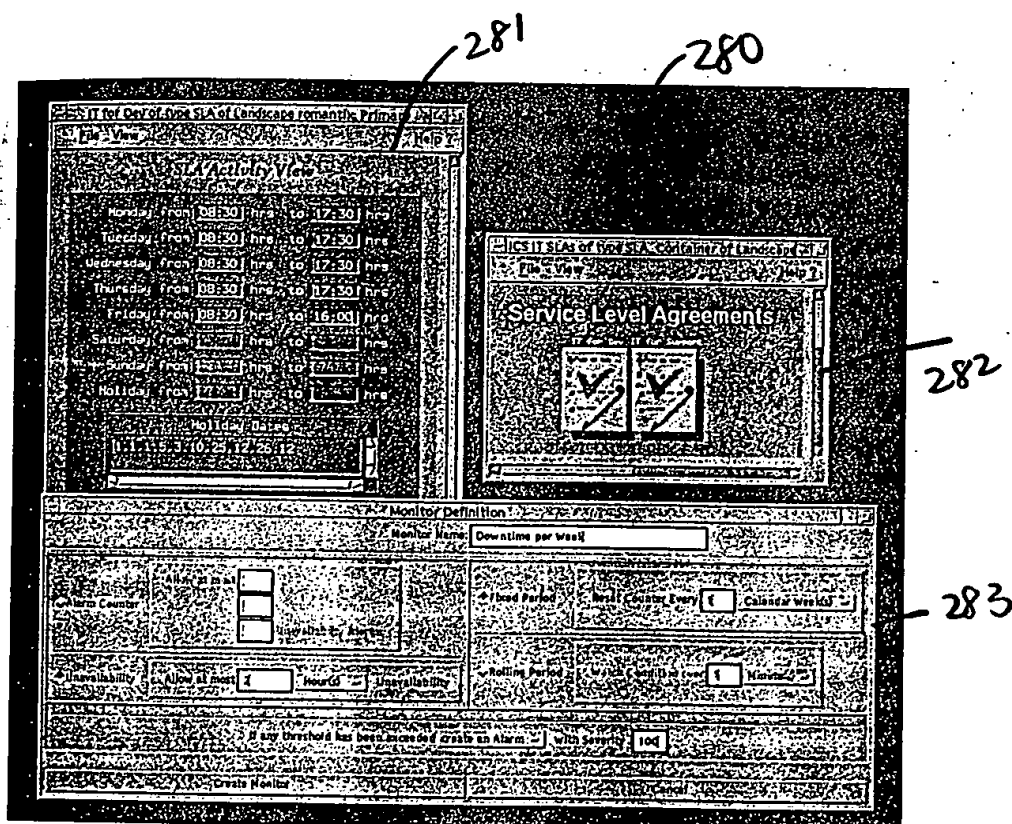


Fig. 36

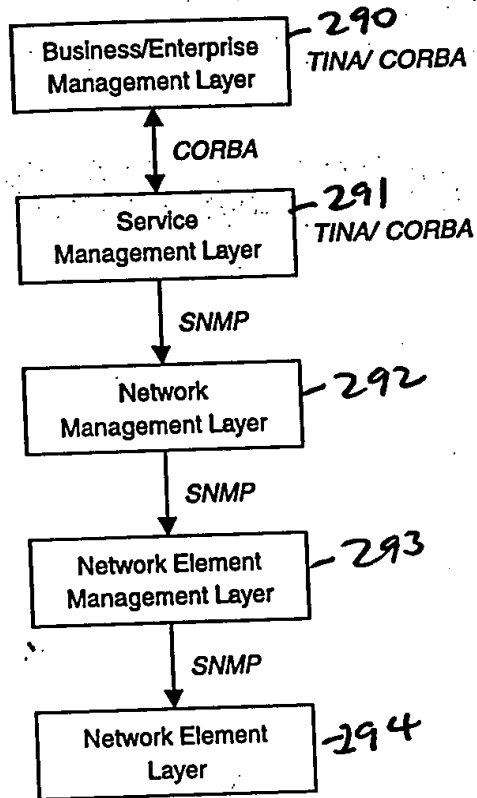


Fig. 37

005250" 52274560

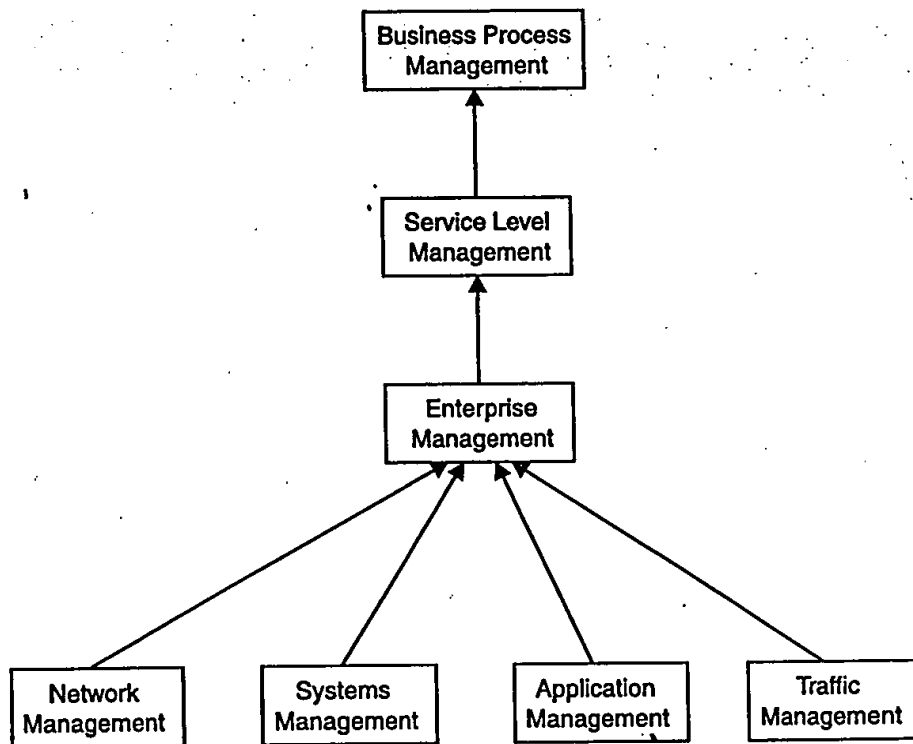


Fig. 38